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Message Text

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PAGE 01 STATE 200662
ORIGIN EPA-04

INFO OCT-01 EUR-12 ISO-00 OES-07 /024 R

DRAFTED BY EPA/ORD: EFITZBACK AND EPA/A-106: GSPROW
APPROVED BY OES/ENP/EN: HSPIELMAN
EPA/EXECSEC: PSHOSTAL
EPA/A-106: DHSTROTHER
EPA/A-106: KHARPER
EUR/SOV: RWINDSOR
----------022956 232116Z /66
P 232054Z AUG 77
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW PRIORITY

UNCLAS STATE 200662

E.O. 11652: N/A

TAGS: SENV, US, UR

SUBJECT: US-USSR ENVIRONMENTAL AGREEMENT: PROJECT 02.02-13,
EFFECT OF POLLUTANTS UPON AQUATIC ORGANISMS AND ECOSYSTEMS

REFERENCE: STATE 170904, MOSCOW 11777

1. PLEASE PASS FOLLOWING LETTER DATED AUGUST 18 TO
BUTORIN WITH COPY TO KAZAKOV OF HYDROMET.

2. "AUGUST 18, 1977 02.02-13

PROFESSOR I. V. BUTORIN
DIRECTOR, INSTITUTE OF BIOLOGY
OF INLAND WATERS
USSR ACADEMY OF SCIENCES
NEKOUZSKIY RAYON
YAROSLAVSKAYA OBLAST
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PAGE 02 STATE 200662

P/O BOROK 152742
DEAR DR. BUTORIN:

I HAVE JUST RECEIVED WORD THAT YOU HAVE AGREED TO THE
PROGRAM AND DATES (SEPTEMBER 25-OCTOBER 23) FOR THE SOVIET
DELEGATION VISIT WHICH I OUTLINED IN MY LETTER OF JULY 18.
I WAS DELIGHTED TO LEARN THAT YOU WILL BE ACCOMPANYING DR.

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009

ROMANENKO AT THAT TIME.
I AM PRESENTLY MAKING PLANS FOR THE 1978 EXCHANGE OF SCIENTISTS UNDER PROJECT 02.02-13 AGREED TO AT OUR RECENT WORKING GROUP MEETING IN KHARKOV. DR. JOHN ROBBINS FROM THE GREAT LAKES RESEARCH DIVISION AT THE UNIVERSITY OF MICHIGAN IN ANN ARBOR WILL BE ONE OF THE AMERICAN PARTICIPANTS IN THE EXCHANGE. HIS AREA OF EXPERTISE IS PESTICIDES AND RADIOACTIVE DATING OF SEDIMENTS. HE WOULD LIKE TO COMBINE BOTH OF THESE AREAS IN THE SCIENTIFIC WORK TO BE CARRIED OUT DURING THE EXCHANGE. DR. LEONARD H. MUELLER, A PESTICIDES SPECIALIST FROM THE EPA DULUTH ENVIRONMENTAL RESEARCH LABORATORY, WILL ALSO TAKE PART IN THE EXCHANGE.

DRS. ROBBINS AND MUELLER WOULD LIKE TO BEGIN PLANNING NOW TO DETERMINE WHAT EQUIPMENT TO BRING WITH THEM TO THE USSR AND WHAT TYPES OF POLLUTANTS THEY WILL BE STUDYING.

THEREFORE, IN ORDER TO BETTER PREPARE FOR THEIR UPCOMING VISIT TO THE USSR, I PROPOSE THAT YOU BRING A SINGLE 100-CM STANDARD SEDIMENT CORE FROM A DESIGNATED WATER BODY. BECAUSE RYABINSK RESERVOIR IS SO CLOSE TO YOUR LABORATORY, IT MIGHT BE MOST CONVENIENT TO TAKE THE STANDARD SEDIMENT CORE FROM THERE. I HAVE ASKED ANOTHER OF OUR SPECIALISTS (DR. MICHAEL SYDOR, WHO PLANS TO PARTICIPATE IN AN EXCHANGE UNDER PROJECT 02.02-12 IN 1978) TO EXAMINE SATELLITE IMAGERY TO SEE IF SEDIMENT PATTERNS ARE DISCERNABLE AT THE UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STATE 200662

RYABINSK RESERVOIR. HOWEVER, WHATEVER BODY OF WATER IS CHOSEN, IT IS IMPORTANT THAT THE SEDIMENT CORE BE TAKEN FROM THE DEEPEST PART OF THE DESIGNATED WATER BODY IN AN AREA THAT IS RELATIVELY UNDISTURBED. ALSO, THE WATER BODY THAT IS SELECTED SHOULD BE ONE WHICH COULD BE CONVENIENTLY VISITED BY DRS. ROBBINS AND MUELLER WHEN THEY VISIT THE USSR IN 1978.

THE FIRST 10 CM OF THE 100-CM CORE SHOULD BE SECTIONED AT 1-CM INTERVALS. THE NEXT 30 CM SHOULD BE SECTIONED AT 2-CM INTERVALS. THE REMAINDER OF THE CORE SHOULD BE SECTIONED AT 5-CM INTERVALS. THE SECTIONS SHOULD BE STORED IN PREWEIGHED PLASTIC BOTTLES. PLEASE RECORD THE WET WEIGHT, THEN AIR DRY THE SAMPLE AND RECORD THE DRY WEIGHT. AS YOU ARE WELL AWARE, CARE MUST BE TAKEN TO ASSURE THE CORE IS MINIMALLY DISTURBED.

WE WILL THEN DO THE DATING OF THE CORE BY THE LEAD 210 METHOD AND THE CESIUM 137 METHOD. DRS. ROBBINS AND MUELLER WILL STUDY THE SAMPLE TO DETERMINE THE DEPOSITION RATES RELATED TO SEDIMENTS, AND WE WILL THEN BE ABLE TO CORRELATE RATES OF PESTICIDE DEPOSITION WITH THE SEDIMENTS.

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009

I HOPE YOU WILL FIND THIS PROPOSAL ACCEPTABLE. IF POSSIBLE, WE REQUEST THAT YOU AND DR. ROMANENKO BRING THE SEDIMENT CORE WITH YOU WHEN YOU VISIT THE US THIS SEPTEMBER. PLEASE NOTIFY US AS SOON AS POSSIBLE IF YOU WILL BE UNABLE TO BRING THE STANDARD SEDIMENT CORE IN THE MANNER I HAVE DESCRIBED. IT IS OUR BELIEF THAT THIS PROPOSED JOINT WORK CORRELATING RATES OF PESTICIDE DEPOSITION WITH SEDIMENTS WILL ENHANCE OUR PROGRAM OF ENVIRONMENTAL COOPERATION THIS SEPTEMBER AND IN 1978.

SINCERELY,

WAYLAND SWAIN
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PAGE 04 STATE 200662

PROJECT LEADER
02.02-13

CC: YU. KAZAKOV, HYDROMET" CHRISTOPHER

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: AGREEMENTS, ENVIRONMENT, WATER POLLUTION, TEXT, PROGRAMS (PROJECTS), PUBLIC CORRESPONDENCE
Control Number: n/a
Copy: SINGLE
Sent Date: 23-Aug-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
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From: STATE
Handling Restrictions: n/a
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ISecure: 1
Legacy Key: link1977/newtext/t19770832/aaaabanw.tel
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Office: ORIGIN EPA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 77 STATE 170904, 77 MOSCOW 11777
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 26-Nov-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1512507
Secure: OPEN
Status: NATIVE
Subject: US-USSR ENVIRONMENTAL AGREEMENT: PROJECT 02.02-13, EFFECT OF POLLUTANTS UPON AQUATIC ORGANISMS AND ECOSYSTEMS
TAGS: SENV, US, UR
To: MOSCOW
Type: TE
vdkvgwkey: odbc://SAS/SAS.dbo.SAS_Docs/5bc1de55-c288-dd11-92da-001cc4696bcc
Review Markings:
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US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009